NO references on this page

PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

NFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/574,994	- Application of the second	_			
Filing Date	October 5, 2004 (I.A.)		_			
First Named Inventor	Betty A. Diamond					
Art Unit	to be determined					
Examiner Name	to be determined		_			
Attorney Docket Number	96700/1120		_			

U. S. PATENT DOCUMENTS Cite No.1 Name of Patentee or Page Columns, Lines, Where Examiner Document Number Publication Date Initials* MM-DD-YYYY Applicant of Cited Document Re ant Passages or Relevant Figures Appear Kind Code^{2 (# known)} Numble US US-US-US-US-US-US-US-ÜŞ-US-US-US-ŪS-US-US-US-US-US-US-

			10			
		/FORE	IGN PATENT DOCU	MENTS 🗽		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Cod (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
				1		
_						
					N	

Examiner		Date	M	
Signature		Considered	***	
			**	

*EXAMINER: Initial if efference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Experiments at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Peent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND OC: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06)
Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Cubatha	e for form 1449/PTO			Complete if Known		
Substitute	e 101 101111 1449/P10			Application Number	10/574,994	
INFO	PRMATIO	N DIS	CLOSURE	Filing Date	October 5, 2004 (I.A.)	
STA	TEMENT	BY AI	PPLICANT	First Named Inventor	Betty A. Diamond	
	(1)	h 4		Art Unit	to be determined	
(Use as many sheets as necessary)				Examiner Name	to be determined	
Sheet	2	of	4	Attorney Docket Number	96700/1120	

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	ABDEL-RAHMAN A. et al., "Disruption of the Blood-Brain Barrier and Neuronal Cell Death in Cingulate Cortex, Dentate Gyrus, Thalamus, and Hypothalamus in a Rat Model of Gulf-War Syndrome"; Neurobiology of Disease, 2002, Vol. 10, No. 3, pp 306-26.	
	2	ACR AD HOC COMMITTEE ON NEUROPSYCHIATRIC LUPUS NOMENCLATURE, "The American College of Rheumatology Nomenclature and Case Definitions for Neuropsychiatric Lupus Syndromes"; Arthritis & Rheumatism, 1999, Vol. 42, No. 4, pp 599-608.	
	3	BREY R.L. et al., "Neuropsychiatric syndromes in lupus - Prevalence using standardized definitions"; Neurology, 2002, Vol. 58, No. 9, pp 1214-20.	
_	4	DEGIORGIO L.A. et al., "A subset of lupus anti-DNA antibodies cross-reacts with the NR2 glutamate receptor in systemic lupus erythematosus"; Nature Medicine, 2001, Vol. 7, No. 11, pp. 1189-93	
	5	DELLALIBERA-JOVILIANO R. et al., "Kinins and Cytokines in Plasma and Cerebrospinal Fluid of Patients with Neuropsychiatric Lupus"; The Journal of Rheumatology, 2003, Vol. 30, No. 3, pp 485-92.	
	6	DENBURG S.D. and DENBURG J.A., "Cognititve Dysfunction in Systemic Lupus Erythematosus"; in Systemic Lupus Erythematosus, Third Edition, Robert G. Lahita, Editor, Academic Press, San Diego, CA, 1999, pp 611-29.	
	7	ELKON K.B. et al., "Antiribosomal Antibodies in Systemic Lupus Erythematosus"; Rheumatic Disease Clinics of North America, 1992, Vol. 18, No. 2, pp 377-90.	
	8	ESPOSITO P. et al., "Corticotropin-Releasing hormone and Brain Mast Cells Regulate Blood-Brain-Barrier Permeability Induced by Acute Stress"; The Journal of Pharmacology and Experimental Therapeutics, 2002, Vol. 303, No. 3, pp 1061-66.	
	9	FRIEDMAN A. et al., "Pyridostigmine brain penetration under stress enhances neuronal excitability and induces early immediate transcriptional response"; Nature Medicine, 1996, Vol. 2, No. 12, pp 1382-85.	
	10	GAYNOR B. et al., "Peptide inhibition of glomerular deposition of an anti-DNA antibody"; PNAS, 1997, Vol. 94, pp 1955-60.	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06)
Approved for use through 03/31/2007. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	e for form 1449/PTO				Complete if Known
Gubautut	E 101 101111 1443/1 10			Application Number	10/574,994
INFO	PRMATION	I DIS	CLOSURE	Filing Date	October 5, 2004 (I.A.)
STA	STATEMENT BY APPLICANT			First Named Inventor	Betty A. Diamond
	(Use as many she	note ae na	ecessor)	Art Unit	to be determined
	(Ose as many sin	reis as ne	icessary)	Examiner Name	to be determined
Sheet	3	of	4	Attorney Docket Number	96700/1120

		NON DATENITA ITED ATURE ROCHAMENTO	
	1 0:1-	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11	HANLY J.G. et al., "Brain Pathology in Systemic Lupus Erythematosus"; The Journal of Rheumatology, 1992, Vol. 19, No. 5, pp 732-41.	
	12	HUGHES G.R.V. et al., "The Anticardiolipin Syndrome"; The Journal of Rheumatology, 1986, Vol. 13, No. 3, pp 486-9.	
	13	JOHN G.R. et al., "Cytokines: Powerful Regulators of Glial Cell Activation"; The Neuroscientist, 2003, Vol. 9, No. 1, pp 10-22.	
	14	JONGEN P.J.H. et al., Cerebrospinal fluid C3 and C4 indexes in immunological disorders of the central nervous system"; Acta Neurologica Scandinavica, 2000, Vol. 101, No. 2, pp 116-21.	
	15	KAO C-H. et al., "The role of FDG-PET, HMPAO-SPET and MRI in the detection of brain involvement in patients with systemic lupus erythematosus"; European Journal of Nuclear Medicine, 1999, Vol. 26, No. 2, pp 129-34.	
	16	KOZORA E. et al., "Magnetic Resonance Imaging Abnormalities and Cognitive Deficits in Systemic Lupus Erythematosus Patients Without Overt Central Nervous System Disease"; Arthritis & Rheumatism, 1998, Vol. 41, No. 1, pp 41-47.	
	17	LERITZ E. et al., "Neuropsychological Functioning and Its Relationship to Antiphospholipid Antibodies in Patients With Systemic Lupus Erythematosus"; Journal of Clinical and Experimental Neurophychology, 2002, Vol. 24, No. 4, pp 527-33.	
	18	LERITZ E. et al., "Subcortical' cognitive impairment in patients with systemic lupus erythematosus"; Journal of the International Neuropsychological Society, 2000, Vol. 6, No. 7, pp 821-5.	
	19	LIM M.K. et al., "Systemic Lupus Erythematosus: Brain MR Imaging and Single-Voxel Hydrogen 1 MR Spectroscopy"; Radiology, 2000, Vol. 217, No. 1, pp43-49.	
	20	NOMURA K. et al., "Asymptomatic Cerebrovascular Lesions Detected by Magnetic Resonance Imaging in Patients with Systemic Lupus Erythematosus Lacking a History of Neuropsychiatric Events"; Internal Medicine, 1999, Vol. 38, No. 10, pp 785-95.	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	te for form 1449/PTO		t of 1995, no persons ar	Complete if Known		
				Application Number	10/574,994	
INFO	DRMATION	DIS	CLOSURE	Filing Date	October 5, 2004 (I.A.)	
STA	STATEMENT BY APPLICANT			First Named Inventor	Betty A. Diamond	
	(Use as many she	ate se n	ocessan/l	Art Unit	to be determined	
	(ose as many cheese as necessary)			Examiner Name	to be determined	
Sheet	4	of	4	Attorney Docket Number	96700/1120	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
	21	number(s), publisher, city and/or country where published. NYLÉN K. et al., "Cerebrospinal Fluid neurofilament and Glial Fibrillary Acidic Protein in Patients With Cerebral Vasculitis"; Journal of Neuroscience Research, 2002, Vol. 67, No. 6, pp 844-51.	
	22	PUTTERMAN C. and DIAMOND B., "Immunization with a Peptide Surrogate for Double-stranded DNA (dsDNA) Induces Autoantibody Production and Renal Immunoglobulin Deposition"; Journal of Experimental Medicine, 1998, Vol. 188, No. 1, pp 29-38.	
	23	SABET A. et al., "Neurometabolite Markers of Cerebral Injury in the Antiphospholipid Antibody Syndrome of Systemic Lupus Erythematosus"; Stroke, 1998, Vol. 29, No. 11, pp 2254-60.	
	24	SANNA G. et al., "Central nervous system involvement in systemic lupus erythematosis: cerebral imaging and serological profile in patients with and without overt neuropsychiatric manifestations"; Lupus, 2000, Vol. 9, No. 8, pp573-83.	
	25	SHARMA A. et al., "Studies of human polyclonal and monoclonal antibodies binding to lupus autoantigens and cross-reactive antigens"; Rheumatology, 2003, Vol. 42, pp 453-60.	
	26	SIBBITT, JR. W.L. et al., "Neuroimaging in Neuropsychiatric Systemic Lupus Erythematosus"; Arthritis & Rheumatism, 1999, Vol. 42, No. 10, pp 2026-38.	
	27	XAIO H. et al., "Effect of LPS on the permeability of the blood-brain barrier to insulin"; Brain Research, 2001, Vol. 896, No. 1,2, pp 36-42.	

ſ	Examiner		Date	0.1.107/00.10
ı	Signature	/Ronald Niebauer/	Considered	01/07/2010
L				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.